

## NEW GALL (INSECTA & ACARI) RECORDS FROM THE ISLE OF MAN

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GARRAD (1976) provides the most comprehensive account of Manx galls, including data on twenty-four that are caused by mites and insects. Other records are given by Williamson (1945), Williamson and Cowin (1941, 1945) and Stubbs (1986a). During visits to the island in July 1994 and July 1995, the author took the opportunity to collect insect and mite galls. Several of these are new to the Manx fauna while the known distribution of other species is greatly extended. These records are presented here. Species already found to be common by Garrad (*op. cit.*) have not been included. The material was determined using Darlington (1975), Docters van Leeuwen (1982), Stubbs (1986b), Redfern & Askew (1992) and Dauphin & Anitsbehere (1993, 1994). The common names are from Spooner & Delarge (1993). The host plants are widely distributed on the island with the exception of rowan *Sorbus aucuparia* L. which is local (Allen, 1984).

### Insecta

#### HEMIPTERA

*Eriosoma ulmi* (L.). Peel (SC2484), 27 July 1995, roll-galls common on an elm *Ulmus* in an urban park.

*Hayhurstia atriplicis* (L.). Port e Vullen (SC4792), 26 July 1995, roll-galls plentiful on the leaves of two common oraches *Atriplex patula* L. *H. atriplicis* has been previously collected on the Ramsey and Jurby shores in the north of the island and at Kentraugh in the south (Garrad, 1976).

*Psyllopsis fraxini* (L.). Ballaglass Glen (SC4689), 26 July 1995, common on ash *Fraxinus excelsior* L.; Tynwald (SC2882), 24 July 1995, scarce on ash.

#### DIPTERA

*Chirosia betuleti* (Ringdahl). Ballaglass Glen (SC4689), 26 July 1995, common; Laxey Wheel (SC4385), 23 July 1995, abundant. The galls were on lady ferns *Athyrium filix-femina* (L.) Roth.

*Contarinia jacobaeae* (Loew). Port Erin (SC1868), 25 July 1995, abundant on common ragwort *Senecio jacobaea* L. on waste ground near the Marine Station; Port e Vullen (SC4792), 26 July 1995, present on common ragwort.

*Dasineura fraxini* (Bremi). Ballaglass Glen (SC4689), 26 July 1995, common on ash; Laxey Wheel (SC4385), 23 July 1995, abundant on ash; Douglas (SC3876), 24 July 1995, abundant on an ash near the Manx Museum. Popularly known as the ash mid-rib pouch-gall.

*D. pustulans* (Rubsamen). Port Erin (SC1868), 25 July 1995, scarce on meadowsweet *Filipendula ulmaria* (L.) Maxim. near the Marine Station.

## HYMENOPTERA

*Andricus curvator* Hartig. Tholt-e-Will Glen (SC3789), 1 July 1994, curved leaf and twig galls abundant on a large oak *Quercus*.

*A. lignicola* (Hartig). Tholt-e-Will Glen (SC3789), 1 July 1994, cola-nut galls abundant on a large oak. *A. lignicola* was only recently recorded from the Isle of Man. It occurred at Ramsey over 9km to the north-west of the present site (Stubbs, 1986a).

*A. quercuscorticis* (L.). The Raggatt (SC2482), bark galls present on a single oak in a personal tree planting site.

## Acari

### ERIOPHYOIDEA

*Acalitus brevitarsus* (Fockeu). Tynwald (SC2882), 24 July 1995, galls scarce on alder *Alnus glutinosa* (L.) Gaertn. The gall is popularly known as the alder-leaf erineum or the alder erineum.

*A. rudis* (Canestrini). Dhoon Glen (SC4586), 26 July 1995, common on leaves of birch *Betula*.

*Artacris macrorhynchus macrorhynchus* (Nalepa). Ballaglass Glen (SC4689), 26 July 1995, maple-bead galls scarce on sycamores *Acer pseudoplatanus* L.; Douglas (SC3876), 24 July 1995, scarce on a sycamore near the Manx Museum; Tynwald (SC2882), 24 July 1995, common on sycamores.

*Cecidophyes galii* (Karpelles). Near Ballaglass Glen (SC4689), 26 July 1995, common on *Galium*.

*Eriophyes inangulis* (Nalepa). Tynwald (SC2882), 24 July 1995, scarce on alders. This gall was previously collected at Gob y Valley in the north of the island (Garrad, 1976).

*E. iteinus* Nalepa. Near Ballaglass Glen (SC4689), 26 July 1995, common on several willows *Salix*.

*E. laevis* (Nalepa). Ballaglass Glen (SC4689), 26 July 1995, abundant on alders; Tynwald (SC2882), 24 July 1995, common on alders.

*E. leiosoma* (Nalepa). Ballaglass Glen (SC4689), 26 July 1995, scarce on limes *Tilia*.

*E. nervisequus fagineus* (Nalepa). Ballaglass Glen (SC4689), 26 July 1995, scarce on beech trees *Fagus sylvatica* L.; Dhoon Glen (SC4586), 26 July 1995, common on several beech trees.

*E. pseudoplatani* Corti. Ballaglass Glen (SC4689), 26 July 1995, common on sycamores; Dhoon Glen (SC4586), 26 July 1995, common on

- 1739 *Epirrhoe rivata* Hb. Wood Carpet  
Locally widespread in the southern half of England; larva feeds on Hedge and Lady's Bedstraw. Recorded in 1986.
- 1750 *Lampropteryx suffumata* D. & S. Water Carpet  
Widely distributed and generally common throughout much of the British Isles; the species has been recorded in Devon during 1994; larva feeds on various species of Bedstraw. Recorded in 1983.
- 1757 *Eulithis mellinata* Fab. The Spinach  
Widespread and moderately common in England and Wales; larva feeds on Red and Black Currant. Recorded in 1983.
- 1792 *Epirrita dilutata* D. & S. November Moth  
Probably resident but until a full genitalia examination is carried out this will not be known; larva feeds on Blackthorn, Hawthorn and other species.
- 1807 *Perizoma albulata* D. & S. Grass Rivulet  
Widespread and locally common; the foodplant, Yellow Rattle, is nearby. Recorded in 1989.
- 1827 *Eupithecia intricata* Zett. ssp. *arceuthata* Freyer. Freyer's Pug  
13.6.1964 by A.H. Dobson & H.A. Kennard (*D.A. Ent. Section* 17th report: 47)
- 1844 *E. indigata* Hb. Ochreous Pug  
Locally widespread but a possible vagrant from pinewoods nearby; larva feeds on Pine. Recorded in 1989.
- 1849 *E. fraxinata* Crewe. Ash Pug  
The headquarters of this species are to be found in the south-east and east of the country where its larvae feed on Sea Buckthorn; there is an Ash feeding race which occurs in small numbers over the greater part of the British Isles; the species has been recorded in South Devon. Recorded in 1986.
- 1867 *Aplocera plagiata* Linn. Treble-bar  
Found not uncommonly over the greater part of the British Isles, the species inhabits downland, moorland and woods; larva feeds on various species of St. Johns Wort. Found in card index.
- 1897 *Semiothisa wauaria* Linn. V-Moth  
Widely distributed at low density; larva feeds on leaves of currant bushes. Recorded in 1983.
- 1905 *Pachynemina hippocastanaria* Hübn. Horse Chestnut  
Well established and not uncommon in the south and south-west; a moth of heathland and it is resident on the local heathland; possibly a vagrant; larva feeds on heather. Found in card index.
- 1914 *Ennomos fuscantaria* Haw. Dusky Thorn  
The species inhabits woodland and parkland and is not uncommon throughout England and Wales; can be confused with others of the same genus; larva feeds on Ash. Found in card index.
- 1926 *Apocheima pilosaria* D. & S. Pale Bridled Beauty  
Generally distributed and common in England and Wales; the species has been recorded elsewhere; larva feeds on a variety of trees and shrubs. Recorded in 1985.
- 1932 *Agriopsis leucophaearia* D. & S. Spring Usher  
Widespread and generally common over much of England and Wales; larva feeds on Oak and sometimes Apple. Recorded in 1984.
- 1934 *A. marginaria* Fab. Dotted Border  
Widespread and more or less common over the greater part of the British Isles. The species has been seen in Teignmouth; larva feeds on a variety of trees and shrubs. Recorded in 1982.